

Elodie Chabanon

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

680
citations

840776
11
h-index

888059
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g-index

18
all docs

18
docs citations

18
times ranked

776
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubility of L-glutamic acid in concentrated water/ethanol solutions. Journal of Crystal Growth, 2021, 570, 126238.	1.5	3
2	New dynamical observer for a batch crystallization process based on solute concentration. Journal of Process Control, 2020, 87, 17-26.	3.3	5
3	Dense Membrane Crystallization in Gas-liquid Systems: Key Parameters Influencing Fouling. Industrial & Engineering Chemistry Research, 2019, 58, 20134-20146.	3.7	3
4	Multiscale Experimental Study and Modeling of α -Glutamic acid Crystallization: Emphasis on a Kinetic Explanation of the Ostwald Rule of Stages. Crystal Growth and Design, 2019, 19, 3329-3337.	3.0	9
5	Drop size distribution monitoring of oil-in-water emulsions in SMX+ static mixers: Effect of operating and geometrical conditions. International Journal of Multiphase Flow, 2017, 92, 61-69.	3.4	18
6	Status and progress of membrane contactors in post-combustion carbon capture: A state-of-the-art review of new developments. Journal of Membrane Science, 2016, 511, 180-206.	8.2	249
7	Potentialities of a dense skin hollow fiber membrane contactor for biogas purification by pressurized water absorption. Journal of Membrane Science, 2016, 513, 236-249.	8.2	42
8	Modeling the Competition between Polymorphic Phases: Highlights on the Effect of Ostwald Ripening. Crystal Growth and Design, 2016, 16, 5689-5697.	3.0	17
9	Investigation of the α -Glutamic acid polymorphism: Comparison between stirred and stagnant conditions. Journal of Crystal Growth, 2016, 435, 98-104.	1.5	17
10	Membranes and crystallization processes: State of the art and prospects. Journal of Membrane Science, 2016, 509, 57-67.	8.2	83
11	Pushing the limits of intensified CO ₂ post-combustion capture by gas-liquid absorption through a membrane contactor. Chemical Engineering and Processing: Process Intensification, 2015, 91, 7-22.	3.6	28
12	Gas-liquid separation processes based on physical solvents: opportunities for membranes. Journal of Membrane Science, 2014, 459, 52-61.	8.2	38
13	Modeling strategies of membrane contactors for post-combustion carbon capture: A critical comparative study. Chemical Engineering Science, 2013, 87, 393-407.	3.8	58
14	Modelling Strategies of Membrane Contactor Processes for CO ₂ POST-Combustion Capture: A Critical Reassessment. Procedia Engineering, 2012, 44, 343-346.	1.2	1
15	Membrane Contactors for Postcombustion Carbon Dioxide Capture: A Comparative Study of Wetting Resistance on Long Time Scales. Industrial & Engineering Chemistry Research, 2011, 50, 8237-8244.	3.7	73
16	Study of an innovative gas-liquid contactor for CO ₂ absorption. Energy Procedia, 2011, 4, 1769-1776.	1.8	30
17	Removal of iron using an oxidation and ceramic microfiltration hybrid process for drinking water treatment. , 0, 66, 210-220.		5